

Claims

What is claimed is:

1. A client/server network system for enabling web browser access to HTML and non-HTML objects comprising:
 - at least one client comprising a web browser;
 - at least one web server operable to receive and respond to requests from the web browser, the web server comprising:
 - a server module;
 - an interface module including a non-HTML to HTML translator; and
 - a non-HTML database server module.
2. The client/server network system of claim 1, wherein the web server is operable to:
 - i) receive from the web browser a URL-based request for a non-HTML object ;
 - ii) determine the location of the non-HTML object;
 - iii) retrieve the non-HTML object;
 - iv) translate the non-HTML object to an HTML object; and
 - v) pass the HTML object to the browser.
3. The client/server network system of claim 1, wherein the server module comprises an HTTP server.

4. The client/server network system of claim 1, further comprising one or more non-HTML databases for storing non-HTML objects and one or more HTML databases for storing HTML objects.

5. The client/server network system of claim 1, wherein the HTML and non-HTML databases comprise programmable object stores.

6. The client/server network system of claim 1, wherein the HTML objects comprise one or more programmable HTML fields.

7. The client/server network system of claim 1, wherein the server module comprises an HTTP server and the non-HTML comprises a Notes server module.

10 8. The client/server network system of claim 1, further comprising one or more Notes databases, wherein the system enables Notes functionality to be exposed to a web browser.

9. A client/server network system for enabling web browser access to HTML and non-HTML objects comprising:

15 means for presenting HTML and non-HTML objects;

means for receiving and responding to requests from the means for presenting, the means for receiving comprising:

HTML object receiving means;

means for translating HTML objects to non-HTML objects; and

20 non-HTML object receiving means.

10. The client/server network system of claim 9, wherein the means for receiving is operable to:

i) receive from the means for presenting a URL-based request for a non-HTML object ;

ii) determine the location of the non-HTML object;

iii) retrieve the non-HTML object;

5 iv) translate the non-HTML object to an HTML object; and

v) pass the HTML object to the means for presenting.

11. The client/server network system of claim 9, wherein the HTML object receiving means comprises a HTTP server.

12. The client/server network system of claim 9, further comprising one or more
10 means for storing non-HTML objects and one or more storage means for storing HTML objects.

13. The client/server network system of claim 9, wherein the means for storing and storage means comprise programmable object stores.

14. The client/server network system of claim 9, wherein the HTML objects
15 comprise one or more programmable HTML fields.

15. The client/server network system of claim 9, wherein the HTML object receiving means comprises a HTTP server and the non-HTML object receiving means comprises a Notes server module.

16. The client/server network system of claim 9, further comprising one or more
20 Notes databases, wherein the system enables Notes functionality to be exposed to a web browser.

17. A method for enabling web browser access to HTML and non-HTML objects comprising the steps of:

- requesting one or more non-HTML objects using a browser;
- receiving the request at a server;
- 5 responding to the request from the browser;
- translating the non-HTML objects to HTML objects;
- communicating the HTML objects to the browser; and
- presenting the HTML object using the browser.

18. The method of claim 17 further comprising the steps of:

- 10 i) receiving from the browser a URL-based request for a non-HTML object ;
- ii) determining the location of the non-HTML object;
- iii) retrieving the non-HTML object;
- iv) translating the non-HTML object to an HTML object; and
- 15 v) passing the HTML formatted object to the browser.

19. The method of claim 18 where the step of receiving receives the request using HTTP.

20. A computer useable medium having computer readable program code embodied therein for presenting a non-HTML object using a browser, the computer
20 readable program code in the computer usable medium comprising:

computer readable program code for causing a computer to store one or more non-HTML objects in one or more databases;

computer readable program code for causing a computer to request one or more non-HTML objects using a browser;

computer readable program code for causing a computer to receive the request at a server;

5 computer readable program code for causing a computer to respond to the request from the browser;

computer readable program code for causing a computer to translate the one or more non-HTML objects into one or more HTML objects;

computer readable program code for causing a computer to communicate the
10 HTML objects to the browser; and

computer readable program code for causing a computer to present the HTML objects using the browser.